

## **Staff and Post Doc Positions in RHIC Spin Program**

The RHIC Spin Group at BNL is filling three positions and we invite applications. The RHIC Spin Group develops and supports the spin program at RHIC, with members on both the STAR and PHENIX experiments. The group is supported by DOE Medium Energy Physics: <http://www.phy.bnl.gov/rhicspin>

We have two positions on the STAR experiment, pursuing measurements of longitudinal and transverse spin asymmetries in polarized proton collisions, that are sensitive to the spin structure of the proton. Also, we plan to measure the unpolarized gluon structure in a heavy nucleus, using deuteron-gold collisions. Finally we will be building and commissioning a new large acceptance forward meson spectrometer. One position is as Assistant Physicist, which is a two-year appointment and tenure track. The second position is Research Associate, a two-year term with a 1-year extension available. For this position the candidate must have earned a Ph.D. in experimental nuclear or particle physics in the past three years.

Contact: Leslie Bland, [bland@bnl.gov](mailto:bland@bnl.gov)

We have one position, a Research Associate position with a two-year term and 1-year extension available, to develop RHIC polarimetry. The polarimeters, developed for RHIC, insert targets into the RHIC circulating polarized proton beams, and use very small elastic angle scattering in the Coulomb nuclear interference region to measure the beam polarization. The successful candidate will work with the RHIC experiments and accelerator physicists with a goal to reach a 5% precision in polarization. She or he will also have the opportunity to participate in one of the RHIC experiments.

Contact: Gerry Bunce, [bunce@bnl.gov](mailto:bunce@bnl.gov)

We request that applicants submit a letter on their interest, CV, publication list, and arrange to have 3 reference letters sent to us by June 1. Please send to Gerry Bunce, Physics Department, Brookhaven National Laboratory, Upton, NY 11973, USA.

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